

RF 4266

EG&G ROCKY FLATS

EG&G ROCKY FLATS, INC

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July 17, 1991

91-RF-4266

Robert M Nelson, Jr
Manager
DOE, RFO

Attn John Rampe

OUT-OF-SPECIFICATION SURFACE WATER SAMPLE - JMK-0340-91

Attached please find a Water Sample Report and map for a surface water sample which was out-of-specification with respect to current standards for Plutonium-239 Listed below is a summary of the unvalidated data for this surface water station The reporting threshold designated by the Inter-agency Agreement (IAG) and the Colorado Water Quality Control Commission (CWQCC) is also listed

Location	Sample Date	Analyte	Result	Threshold Limit
A-3 Pond	3/12/91	Pu-239	079 pCi/l	05 pCi/l
A-3 Pond	3/12/91	Pu-239	011 pCi/l*	05 pCi/l

A-3 Pond is considered a critical station and is an NPDES monitoring point, however, A-3 Pond does not discharge offsite The average value between the two analytical results is 0.045 pCi/l This value is still below the threshold limit

EMAD will closely monitor this station for this particular analyte Future monitoring should determine if additional investigation measures will be required This surface water station is located in the Walnut Creek drainage, OU 6, and will be remediated in accordance with the Inter-Agency Agreement (IAG)

J. M. Kerish, Associate General Manager
Environmental & Waste Management

DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

BAM nkg

Orig and 1 cc - R M Nelson, Jr

Attachment
As Stated

DIST	LTR	ENC
BRE ZKE J C		
BURLINGAME, A H		
COPP R D		
CROUCHER D W		
DAVIS J G		
EVERED J E	X	
FERRERA D W		
FERRIS L R		
FRAIKOR, F J		
FRANCIS, G E		
GOODWIN, R		
HEALY, T J		
IDEKER, E H		
JENS, J P		
KEELE, P B		
KERSH, J M	X	
KIRBY, W A		
KIRKEBO, J A		
LEE, E M		
MAJESTIC, J R		
MATHEWS, T A		
MEURRENS, B E		
MORGAN, R V	X	
NORTH, P		
PALMER, L A		
POTTER, G L	X	
PIZZUTO, V M		
RHOADES, J I	X	
SAFFELL, B E		
SWANSON, E R		
WIEBE, J S		
WILKINSON, R B		
WILLIAMS, R E		
WILSON, J M		
YOUNG, E R		
ZANE, J O		
M. B. Arndt	X	
W. S. Busby	X	
W. D. Cwan	X	
J. W. Langman	X	
R. G. Porter	X	
D. M. Smith	X	
R. D. Lindberg	X	
J. R. Dieck	X	
L. A. Dunstan	X	
E. D. Hahner	X	
CORRES CONTROL	X	
TRAFFIC		

CLASSIFICATION

UCNI	
UNCLASSIFIED	X
CONFIDENTIAL	
SECRET	

AUTHORIZED CLASSIFIER
SIGNATURE

DATE

IN REPLY TO LTR NO

PC#
LTR APPROVALS
ORIG & TYPIST INITIALS

OUT OF SPECIFICATION
WATER SAMPLE REPORT

Sample No. NP55999WC Date 3/12/91 Lab 123

Location A-3 Pond Map attached Yes

Quality Assurance Concerns Data are not validated

<u>Parameter</u>	<u>Threshold Limit (/l)</u>	<u>Result (/l)</u>
Plutonium-239	05 pCi/l	079 pCi/l
Plutonium-239	05 pCi/l	011 pCi/l *

*Sample reanalysis result

Source of Threshold Limit IAG, CWQCC

Reporting Required? Yes Nature of Requirement Critical Station

Location of nearest surface water

Walnut Creek Water Classification Segment 5

Source of observed results (if known):

None of the upstream surface water stations exhibit any Plutonium contamination

Current control/investigative actions

Reanalysis of this sample has been requested to determine the validity of the analytical result

Proposed control/investigative actions

Further characterization of this area will be included as part of Operable Unit 6, Walnut Creek

Other comments

Radionuclides are not required NPDES discharge permit parameters

Date of Report June 20, 1991 Preparer M L Sievers & B A Montano

